

Application No. 09/827,665  
Reply to Office Action dated 01/24/05

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (Currently Amended) A method of engineering project design using a real-time interface with a global computer network, said method comprising:

creating a database based on publicly accessible data located in www sites for approved engineering specific Universal Record Locator (URL) links;

indexing said database according to predetermined engineering search queries;

providing a graphical user interface (GUI) allowing a user to:

(i) perform a categorized database inquiry for an engineering project by using a cascading drop-down menu process;

(ii) input critical parameters regarding the specification and requirements for the engineering project;

(iii) input a specific geographic location of the engineering project; and

(iv) compile project information into a job folder checklist;

providing a design process template;

retrieving URL links according to the database inquiry;

displaying the retrieved URL links as menu options and accessing www Web pages

related to the retrieved URL links in response to user selection;

~~retrieving regulatory data from a Web page review which conforms to the specific~~

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geographic location;

retrieving URL links to regulatory data for the specific geographic location from a regulation data base of URL links which and displaying the URL links to regulatory data as menu options;

retrieving URL links to permit information for the specific geographic location from the regulation data base of URL links from a Web page review which conforms to a specific geographic location and displaying the URL links to permit information as menu options;

inserting the regulatory data and permit information into the job folder checklist;

retrieving construction procedures from URL links providing a contractor database;

performing iterative calculations iteratively formulating construction procedures based on specifications acquired from a Web page review;

formulating construction procedures and inserting the construction procedures into a project flow chart template; and

displaying pertinent information of the accessed Web pages and inserting the information into the job folder checklist.

2. (Cancelled)

3. (Previously presented) The method of engineering project design according to claim 1, wherein the design process template prompts a user to input the critical parameters for a selected engineering project.

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4. (Previously presented) The method of engineering project design according to claim 1, wherein the design process template includes formulas for a selected engineering project.
5. (Previously presented) The method of engineering project design according to claim 2, wherein the design process template includes a drop-down menu for a selected engineering project.
6. (Previously presented) The method of engineering project design according to claim 1, wherein said iterative calculations are repeated to arrive at an acceptable final design.
7. (Previously presented) The method of engineering project design according to claim 6, wherein said iterative calculations are based on material specifications acquired from a Web page review.
8. (Previously presented) The method of engineering project design according to claim 6, wherein said iterative calculations are based on component specifications acquired from said Web page review.
9. (Previously presented) The method of engineering project design according to claim 6, wherein said iterative calculations are based on design tables acquired from said Web page review.

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10. (Original) The method of engineering project design according to claim 1 including the step of displaying and printing of a flow diagram detailing the engineering project.

11. (Original) The method of engineering project design according to claim 1, further including the step of displaying and printing of selected components selected during the Web page review.

12. (Cancelled)

13. (Cancelled)

14. (Original) The method of engineering project design according to claim 1, further the step of printing a report on the engineering project based on information in the job folder checklist.